

Receipt. TFW



PATENT APPLICATION
Docket No. 14321.76

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
)
Atsushi Mori et al.)
)
Serial No.: 10/537,179)
) Art Unit
Filing Date: June 1, 2005) 1731
)
Confirmation No.: 7985)
)
For: OPTICAL FIBER AND PRODUCTION METHOD)
THEREOF)

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

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- 2nd Request for Correction of Filing Receipt (2 pages)
- Copy of Filing Receipt
- Postcard

Respectfully submitted,

DANA L. TANGREN
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2ND REQUEST FOR CORRECTION OF FILING RECEIPT

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Attached is a copy of the official Filing Receipt received from the United States Patent and Trademark Office in the above-identified application for which issuance of a corrected Filing Receipt is respectfully requested.

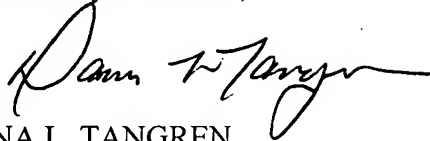
Under the section Foreign Applications, please make the following change:

Change "JAPAN 2004-202954 07/14/2004" to --JAPAN 2004-202954 07/09/2004--.

The requested corrections are marked on the attached filing receipt. The corrections are not due to any error by applicant, and accordingly it is respectfully submitted that no fee is due relative thereto.

Dated this 17th day of January 2006.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Dana L. Tangren", written in a cursive style.

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DLT:dfw

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/537,179	06/01/2005	1731	2450	14321.76	73	29	6

22913
 WORKMAN NYDEGGER
 (F/K/A WORKMAN NYDEGGER & SEELEY)
 60 EAST SOUTH TEMPLE
 1000 EAGLE GATE TOWER
 SALT LAKE CITY, UT 84111

CONFIRMATION NO. 7985

CORRECTED FILING RECEIPT



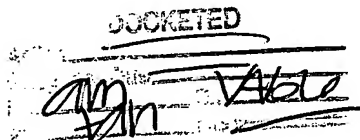
OC000000017734176

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Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

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Power of Attorney: The patent practitioners associated with Customer Number 22913.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/11625 08/12/2004

Foreign Applications

JAPAN 2003-293141 08/13/2003
 JAPAN 2004-045500 02/20/2004
 JAPAN 2004-202954 ~~07/14/2004~~ 07/09/2004
 JAPAN 2004-207728 07/14/2004

If Required, Foreign Filing License Granted: 12/28/2005

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PCT

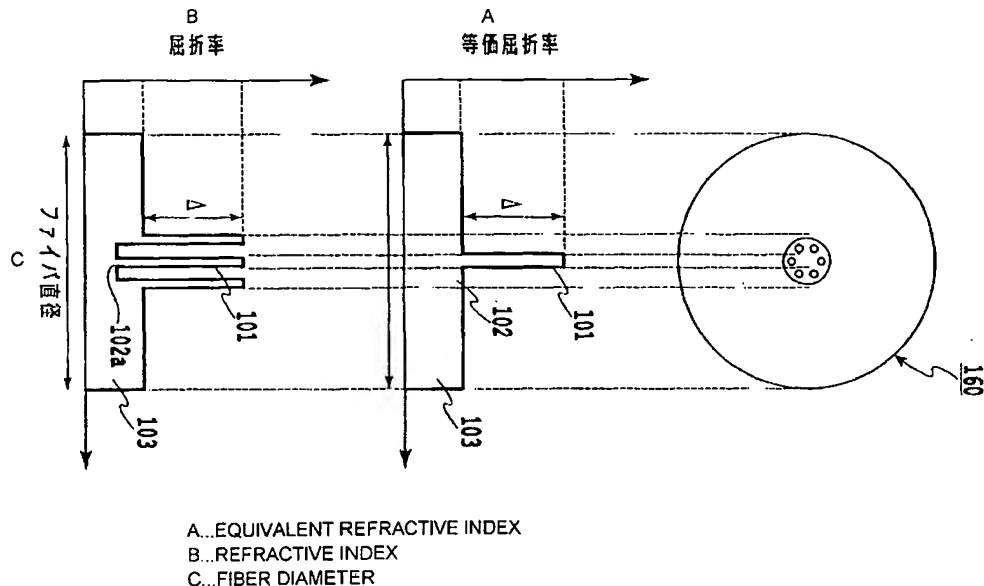
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- (51) 国際特許分類⁷: G02B 6/00, G02F 1/365 (71) 出願人 (米国を除く全ての指定国について): 日本電信電話株式会社 (NIPPON TELEGRAPH AND TELEPHONE CORPORATION) [JP/JP]; 〒1008116 東京都千代田区大手町2丁目3-1 Tokyo (JP).
- (21) 国際出願番号: PCT/JP2004/011625
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[続葉有]

(54) Title: OPTICAL FIBER AND PRODUCTION METHOD THEREOF

(54) 発明の名称: 光ファイバおよびその製造方法



(57) Abstract: An optical fiber using tellurite glass having a zero material dispersion wavelength of at least $2 \mu\text{m}$, a non-linear sensitive rate X^3 of as high as at least $1 \times 10^{-12} \text{ esu}$, and a heat stability sufficient to be processed into a low-loss fiber, wherein a PCF structure or an HF structure having a strong confinement to a core area is employed, thereby enabling light to be wave-guided at a low loss. A zero dispersion wavelength is controlled to within a communication wavelength band ($1.2\text{-}1.7 \mu\text{m}$) by the size and shape of a hole formed in the core area and by the interval between adjacent holes, and a large non-linearity having a non-linearity constant γ of at least $500 \text{ W}^{-1}\text{k}^{-1}$ is provided.

(57) 要約: 零材料分散波長が $2 \mu\text{m}$ 以上であり、非線形感受率 χ^3 が $1 \times 10^{-12} \text{ esu}$ 以上と高く、低損失ファイバに加工するのに十分な熱安定性を有するテルライトガラスを用いた光フ

[続葉有]